

Flexible Elements of Electrical Circuits Resistance
Welded to Copper Plates, by V. T. Cherednichok,
S. I. Kuchuk-Yatsenko, 3 pp.

RUSSIAN, per, Avtomat Svarka, No 11, 1961,
pp 55-58.

BWRA

Sci

Oct 62

214, 102

Features of the Flash Butt Welding of Hot
Semi-Finished Products, by S. I. Kuchuk-
Latsenko and V. T. Cherednichok, 5 pp.

RUSSIAN, per, Avtomat Svarka, No 5, 1962,
pp. 25-30.

ENRA

Sci

Apr 63

232,624

The Flash Butt Welding of Kh15N60 and Kh20N80 Alloy
Strip, by V.T. Cherednichov and S.I. Kuchik-Yarsenko,
5 pp.

RUSSIAN, per, Avtomat Svarka, No 10,
Oct 1963, pp 76-81.

British Welding Res. Assoc.

Sci

May 64

359,316

Surface Compounds of Boron Trifluoride on Aluminium
Oxide and Their Role in Catalysis. II. by T. V.
Antipina, E. M. Cherednik, 3 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXV, No 4, 1961,
pp 836-841.

Cleaver-Hume Press

Sol

Feb 62

184,790

Methods of Evaluating the Effectiveness of
Ground Catapult Training, by Ye.A. Cherednik

RUSSIAN, no per, Voenno Med Zhur, No 8,
Moscow, Aug 1958, pp 65-66

US JPRS 1030-N

Sci - Med

Dec 58

78,177

(DC-4654)

Present-Day Physiotherapeutical Methods of
Treating Hypertension and Coronary Insufficiency
by B. I. Trusovitch, V. S. Cheredova, 5 pp.

RUSSIAN, per, Zhivovozrozhdeniya Bolonoi 11,
Vol VI, No 6, 1960, pp 7-11.

JPRS 6353

Sci - Med

Jan 61

136,95
4

The Cooperative Production Units of Northern Tunisia,
by Jacques Chavet, 21 pp.
FRANCE, par, Tiers Monde, Apr-Jun 1964, pp 223-234.
JPAS 22351

Africa
Econ
Feb 65

P37
274,940

The Influence of the Folded Basement Upon the Thermal
Character of the Mesozoic Strata in the West
Siberian Plain, by G. A. Cherenovskii, 4 pp.

RUSSIAN, par, 12 Ak Nauk SSSR, Ser Geofiz, No 5,
1961, pp 705-709.

AGU

170, 3.2.2

Sci

Oct 61

Time of Re-occurring and Disturbed by Drilling a Borehole, by G. A.
Cheremenski, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz,
No 12, 1960, pp 1801-1805.

AGU

Sci

Jun 61

156, 164

Theory of an Ellipsoidal Sonde in the Resistivity
Method with a Shielded Ground, by G. A. Cherenenski,
4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 10, 1961
pp. 1527 - 1532.

AGU

192,541

Sod

Geothermal Measurements in the Kotsel'Vaara
Boreholes, by G. A. Cheremenskiy, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CL, No 1-6, May, Jun 1963.

Amer Geol Inst

Sci
Jul 65

Dogs -- the Source of Spreading of Ovine Brucellosis
by G. G. Cherenisin.

RUSSIAN, per, Veterinariya, Vol XL, No 2, 1966.
pp 27, 28. 9213191

USDA Tr V-1855

Sci - Biol & Med Sci
Oct 63

245, 040

Geodetic Measurements During the Installation of
the Brookhaven Synchrotron (USA), by M. S.
Chernisin, 4 pp.

RUSSIAN, per, Geodes i Kartog, No 12, 1959,
pp 59-62.

AGU

501

501 61

167, 298

Investigation of the Decomposition of Sodium
Amalgam in a Short-Circuited Galvanic Cell,
by N. V. Chernikova, G. I. Volkov, et al, (1961).

RUSSIAN, Izv. Akad. Nauk SSSR, Vol. XXIV, No. 10,
1961, pp 2266-2274.

33

34
Aug 62

205,751

Some Agrobiological Properties of Eroded Soils in
Poltava Oblast', by G. A. Cheremisinov, p. 6

RUSSIAN, per, Pochvovedeniye, No 1, 1962, pp. 100 - 101

Scripta Technica

Sci

Aug 63

3/10, 4/65

33
Mineral Fertilizers Basic Ways of Rational Use
of Fertilizers in Agriculture, by G. A. Cherenin, 9 pp.
RUSSIAN, par, Khim v Sel'skoye Khoz, No 1,
1963, pp 3-4.
JPRS 24031

Sci - Agri, Chem
Aug 64

265,956

Distribution of Soils in the Khamtiak Depression
With Reference to Topography and Erosion Processes,
by G.A. Chorenisinov, Z.I. Polezhayova, 6 pp.

RUSSIAN, per, Pochvovedeniye, No 3, 1959, pp 80-85.

Amer Inst of Biol Sci

Sci
Dec 60

135,241

APOLLINAR SEMENOVICH BONDARTSEV, BY N. A.
CHEREMISINOV, 9 PP.

RUSSIAN, PER, BOTANICH ZHR, VOL XLVII, NO 12,
1962, PP 1090-1095.

JPRS 20435

USSR
BIOG
AUG 63

#37,705

Vibrational Spectrum and Structure of the Arsenic
Trioxide Molecule V. P. Cheremisinov, 3 pp.

RUSSIAN, ^{per} Optika i Spektro, Vol VII, No 4,
1959, pp 454-459.

OSA

Sci

Apr 61

149,494

A Spiral Low Pressure Mercury Lamp, by V. P.
Cherenisinov.

RUSSIAN, per, Pribery i Tekhnika Eksperimenta,
No 2, 1956, pp 122-124.

Assoc Tech Sv *Te*
\$1.25

Sci - Physics
Aug 57

RJ-790

51, 546

Study of the Crystal Structure and Vibration Spectrum
of Lead Selenite, by B.A. Popovkin, V.P. Cherenishov
et al, 6 pp.

RUSSIAN, per, Zhur' Strukturnoi Khim., Vol IV,
No 1, 1963, pp 43-49.

GB

Sci
Jun 64

261,392

Vibrational Spectra of the Modifications of Germanium Dioxide, V. V. Obukhov-Denisov, N.N. Sobolev, V. P. Cherevishin, 3 pp

RUSSIAN, per, Optika i Spektro, Vol VIII, No 4, 1960, pp 505-510

OSA

Sci
May 1960

151,049

The Vibrational Spectrum and Molecular Structure
of Crystalline Arsenic Oxide, by M. N. Sobolev,
V. N. Chernomirnov, 5 PP.

RUSSIAN, per, Optika i Spektro, Vol IX, No 4,
1960, pp 446-451.

PP

Sci

Mar 61

141,536

Paleogeography of the Mga Sea (Based on
Data of Diatom Analysis), by Ye. A.
Cheremisinova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX,
No 2, 1959, pp 416-419.

AGE

Sci

154, 669

Jun 61

S=712/63

Rules of Navigation No 38: Compass Deviation
Procedures on Ships of the Navy, by V. A. Cherenisov,
146 pp. FOR OFFICIAL USE ONLY

RUSSIAN, bk, Pravila Shturmanskoy Sluzhby No 38:
Deviatsionnyye Raboty Na Korablyakh Voenno-
Morskogo Flota, 1955, pp 1-159.

CIA/RDD X-5534

oci - Engr
Mar 64

Motion of a Material Point in the Central Gravitational
Field at Low Transversal Thrust, BY A. I. Lurye,
M. K. Cheremkhin.
RUSSIAN, BE, Iskusstvennyye Spurniki Zemli, No 16,
1963, pp 246-251.
NASA TT F-8518

Sci Aero
Mar 64

252,041

U. S. GOVERNMENT ONLY

~~SECRET~~

New Possibilities for the Use of Aerial Photographic
Survey Materials in Glaciological Research, by
G. D. Chasman, 22 pp.
RUSSELL, per, in Ak Muzh SSSR Sbornik Geograf, Moscow,
1963, No 4, pp 89-94. (Call No G23 D5 1963, No 4, Eng Tr)
Army Map Service

Sci - E. S. & Astron
Age 64

234,168

S-122/61

(NY-6027).

Cytophotometric Research on the Content of DNA in
Nuclei of Cells of the Animal Organism during
Insufficiency of Ascorbic Acid, by L. P. Cheremnykh,
V. S. Dashkevich, 2 pp.

RUSSIAN, bk, I Konferentsiya po Voprosam Tsito- i
Gistokhimii. Doklady, Dekabrya 1960 goda, 1960,
pp 18-19.

*JPRS

Sci - Med

9 Mar 61

Acid Mucopolysaccharides in the Chorion of
Animals Having Primitive Placentation, by
L. P. Cherenykh, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI,
No 2, Sep/Oct 1957, p 312.

Amer Inst of Biol Sci

Sci - Med
Aug 58

67, 295

Cheremnykh, Yu. N.
ON THE ASYMPTOTE OF THE SOLUTION OF PAR-
ABOLIC EQUATIONS. [1960] 16p. 1 ref.
Order from MDF \$8.50 MDF C-123

Trans. of Akademiya Nauk SSSR. Izv. Ser. Matem. Nauk. 1959, v. 2, no. 6,
p. 913-924.

(Mathematics, TT, v. 5, no. 1)

61-12059

1. Linear equations--
Theory
2. Title: Parabolic equations
- I. Cheremnykh, Yu. N.
- II. MDF C-123
- III. Friedman, Morris D.,
Inc., West Newton,
Mass.

Office of Technical Services

Conference of the Workers in the Central Laboratories
of Organizations in the Cheljabinsk Economic Region,
by Yu. I. Cherenovskiy, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXIV, No 7, 1958,
pp 989-990.

Ignatru Soc of Amer

Vol

Apr 60

113, 403

Simple and Intelligence, by L. Chernomirskiy, 5 pp.

RUSSIAN, per, Voenno-Istoricheskoy Zhur, No 2,
1963, pp 100-103.

ACSI 1-2622-P
ID 2235103

USSR
MIL
Jun 63

834, 961

Influence of Flotation Reagents on the
Linear Adsorption of Flotation Oils on
a Three-Phase Wetting Porimeter, by
M. I. Khokhin, R. I. Cherenukhina.

RUSSIAN, paper, Iz Vyschikh Ucheb Zaved Tsvet
Metall, No 2, 1959, pp 27-35.

MLL M.3342

Sol - Fuels

183.700

Mar 62

The Mechanism of the Action of Kerosene in
the Flotation Process, by S. I. Krolkin,
N. I. Cherenukhina.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Tsvet
Metall, No 1, 1959, pp 26-40.

ML 11.3341

Sci - Tech

Vol 60

183, 679

The Nucleic Acid Contents of Brown-Pearce
Tumors in Rabbits Acted on by High-Intensity
Ultrasonics, by I. I. Cheremushentseva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No ~~XXIV~~ 1,
1957, pp 84-.

Amer Inst of Biol Sci

Bol - Biology

Aug 58

70,334

On the Theory of the Hall Effect in Ferromagnetics
by N. S. Akulov, A. V. Cheremushkina, 4 pp.
UNCLASSIFIED

RUSSIAN, thrice-mo per, Dok Ak Nauk, SSSR,
Vol XCVIII, No 1, 1954, pp 35-38.

73,963

Navy Tr 1175/NRL 518

Scientific - Physics
Chemistry

May 55 CTS/DEX

The Rocket of the Future, by V. Cherenadnichenko,
6 pp.

RUSSIAN, np, Pravda Ukrainy, Vol XXII, No 114,
(5226), 17 May 1959, p 3.

ATIC MCL-220/III

Sci - Space Res

Aug 60

123,868

(RDB 27791)

Certain Problems of Documentation and Mechanization
of Information Search, by V. P. Cherenin, 36 pp.

RUSSIAN, bk, Nekotoryye problemy dokumentatsii i
mekhanizatsiya informatsionnykh poiskov, Moscow,
1955, pp 3-37, 74-76.

CIA/FDD Tr 576

38,118

USSR

Sci - Engineering, research, organization

Soc - Statistics

Experimental Information Machine of the Institute
of Scientific Information of the USSR Academy of
Sciences, by V. P. Cheronin, B. M. Rakov, 71 pp.

RUSSIAN, bk, Eksperimental'naya Informatsionnaya
Mashina Instituta Nauchnoy Informatsiy An SSSR,
Moscow, 1955.

Micro Misc 1280 D

Sci - Mathematics, index, computing machines
Engineering
Aug 1956 GTS/dex

37,492

(NY-4854)

Russian Federation's Seven-Year Plan for Development of Communication Facilities, by A. V. Cherenkov, 21 pp.

RUSSIAN, per, Vestnik Svyazi, No 6, 1959.

JPRS 5991

147,541

Sci

Apr 61

The Seven-Year Plan of Communications Development
in the USSR, by A. V. Cherenkov.

RUSSIAN, per, Vest Svyazi, No 6, Moscow, Jun 1959,
pp 14-17. (U.S. ...)

Transportation, Communications,
and Electric Power in the USSR,
No 19

1959
Econ .. Communications
Jul 59

91,075

Fragment Energy Distribution From the Fission of
Uranium and Thorium by γ -Rays, by V. A. Korotkova,
P. A. Cherenkov, I. V. Chuvilo, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVI,
No 5, pp 811-5.

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1

Sci - Phys

51, 624

Aug 57

Energy Distribution of Incoherent Radiation From
Synchrotron Electrons, by Yu. M. Ado, P. A.
Cherenkov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol
CX, No 1, 1956, p 35-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 3 5

Sci - Physics
Aug 57

51, 344

Scattering of 250 mev Photons by Free Electrons,
by L. V. Kurnosova, L. A. Razorionov, P. A.
Chernikov, 4 pp.

RUSSIAN, no par, Zhur Eksper i Teoret Fiz, Vol XXX,
No 4, 1956, pp 690-694.

Amer Inst of Physics
Soviet Physics, JETP
Vol III, No 4

Sci - Physics
Apr 57 CTS

46, 762

Photofission Cross Sections of Uranium and Thorium,
by V. A. Korotkova, P. A. Cherenkov, I. V. Chuvilo,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVI,
No 4, pp 633-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1

Sci - Phys

57, 633

Aug 57

RADIATION OF ULTRALIGHT SPEED CHARGED PARTICLES AND
ITS UTILIZATION IN THE ~~SR~~ PHYSICS OF HIGH ENERGY
PARTICLES, BY P. A. CHERENKOV, 12 PP.

RUSSIAN, PER, IZ AK NAUK SSSR, SER FIZ, VOL XXVI,
NO 1, 1962, PP 14-20. 9678218

FTD-TT-62-846

SCI - PHYS
11 OCT 62

212,365 BQ

Intensified Electron Radiation in a Synchrotron
and Certain Applications in Investigating
Accelerator Operation, by Yu. M. Ado, P. A.
Cherenkov, 6 pp.

RUSSIAN, per, Atomnaya Energiya, Supple No 4,
1957, pp 49-56. CIA 9033743

Consultants Bureau

Sci - Nuclear Phys
Nov 58

77,075

Features of the 200-MeV Synchrotron at the
Institute of Physics, Academy of Sciences,
U.S.S.R., by A. Ya. Golik, V. I. Golovay,
V. N. Gerasimov, P. A. Gerasimov, N. I.
Yablonsky, 12 pp.

RESEARCH, 1957, Akademiya Nauk, Moscow No 1,
1957, pp 57-72. CIA 9033743.

Consultants Bureau

Sci - Nuclear Phys
May 58

11/1/58

Visible Luminescence of Pure Liquids Under
the Influence of γ -Radiation, by P. A.
Cherenkov.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol II, No 8, 1934, pp 451-454.

Assoc Tech Ev RJ-539
\$4.80

Sci - Physics
Apr 1957 CTS/dex

46,789

Accuracy and Correlation of Various Methods of
Determining Aerosol Concentration, by P. V.
Cherenkov.

RUSSIAN, per, Iz Ak Nauk, Otdel Tekh Nauk Metal
i Toplivo, No 3, 1959, pp 184-186. CIA 9071058

USDA

7/10-12/14/57

Sci - Chemistry
Sept 69

124,721

ESTABLISHMENT OF THE TEMOPRIBOR PRODUCTION
ASSOCIATION BY THE L'VOVSKIY SOVMARKHIZ, BY
V. CHEREPOV, 5 PP.

RUSSIAN, NP, IZVESTIYA, 24 OCT 1963.

JPRS 22372

USSR
ECON
DEC 63

244,763

Cherenkov, V.

A "SATURNIAN RING" AROUND THE EARTH. [1961]
[12p. [USASIA] Tr-1065.

Order from OTS or SLA \$1.60

61-19686

Trans. from [Izobretatel' i Rationalizator] (USSR)
1960, no. 2.

DESCRIPTORS: *Aerosols, *Climate, Sun, Rockets,
*Temperature control, *Communication systems

It is proposed that the climate of the territory lying
between 70° and 90°N latitude could be warmed by
creating an artificial ring of dust around the earth.
The ring would diffuse solar radiation and reflect part
of the energy toward the earth. Calculations indicate
that a ring approximately 100-km wide at an altitude of
1000 to 1500 km would be required. The ring could be
created by using rockets. The belt could be made to
reflect light (and thereby illuminate the earth) and/or
used for worldwide radio or TV broadcasting. The
(Earth Sciences--Meteorology, TT, v. 6, no. 1) (over)

61-19686

- I. Title: Saturnian ring
- I. Cherenkov, V.
- II. USASIA Tr-1065

Office of Technical Services

31
Determining the Average Speed and Concentration
of Particles of a Rapid Flux of Rarified Plasma,
by V. B. Chumachenko, O. Yu. Sevast'yanov,
Yu. M. Lukyanov, 9 pp.
RUSSIAN, per, in Akkumulyatsiya, Otdeleniya
Tekhnicheskikh Nauk, Matematika i Mashinostroyeniye,
No 2, 1964, pp 25-29. 949514
FTD-TT-66-947

Sci - Phys
Nov 64

269,085

Determining the Average Speed and Concentration
of Particles of a Rapid Flux of Rarefied Plasma,
by V. B. Cherenkov, O. Yu. Sevast'yanov.

RUSSIAN,

FTD-TT-64-9847

Sci

Dec 64

270,251

NCH-202 007

Field 6C, 2E

Cheredkov, A. N.

THE EFFECT OF CERTAIN FOODS ON GASTRIC
SECRETION IN PIGS (Vliyaniye Nekotorykh Pishchevykh
Veshchestv na Zheludochnuyu Sekretsuyu u svinej). 1966,
6p. RTS-2940.
Order from NLL: 10s as RTS-2940

Trans. of Veterinarnyi Institut, Leningrad. Sbornik
Rabot (USSR) v15 p133-6 1955.

1. National Lending Library
for Science and
Technology,
Boston Spa (England)

Conjugated Systems. LXXXIX. Influence of Various Factors on the Yield of Geranyl Chloride in the Reaction of Isoprene with Its Hydrochlorides, by A. A. Petrov, Kh. V. Bal'ian, Yu. I. Kheruze, N. Yu. Shvarts, L. L. Cherenkova, 8 pp.

RUSSIAN, per, Zhur Obshchei Khim, Vol XXVIII, No 6, 1958, pp 1435-1443.

Consultants Bureau

Sci - Chem
Sep 59

95, 757

The Isolation and Properties of the Antiviral
Antibiotic, Violarin, by EMMIL D. M. Trakhtenberg,
L. V. Cherenkova, A. S. Khokhlov, 5 pp.

RUSSIAN, per; Antibiotiki, Vol. ~~XX~~ IV, No 5,
1959, pp 7-10.

CS

164,517

Sci.

Aug 61

Long Range Propagation of Ultrasound Waves, by
Ye. L. Charenkova, 68 pp.

RUSSIAN, bk, Dal'neye Rasprostraneniye Ul'trazvukov
kuda Voln, Moscow, 1958, 40 pp.

65/11
AFIC KCL-94/7

Sol - Electronics
Nov 59

102,391

Contemporary Concepts on the Propagation of Meter
Waves by Dispersion in the Ionosphere, by Ye. L.
Cherenkov, 11 pp. (AF 1050894).

RUSSIAN, as per, Elektrosvyaz', No 10, Oct 1956,
pp 22-28.

AFIC F-48-9161/v

Sci. - Electronics
Nov 58

76,757

Duplicate
New Developments in the Design of Open-Hearth Furnaces,
by H. Besselkov, G. Cherepakhin.

RUSSIAN, per, (Kharkov) Stal, Vol IX, Nos 4, 5, 1939.

Brutcher Tr No 903

Scientific - Min/Metals

\$5.30

144, 1 144

(NY-3000)

Crash Construction of the Ionsyn Nitrogen-
Fertilizer Plant, by E. Levin, N.
Cheremkhov, 6 pp.

RUSSIAN, np, Sovet Litva, 14 Jan 1962.

JPRS 13086

USSR
Econ
Mar 62

189,442

32
Biological Control of Agricultural and
Forest Pests, By A. I. Cherepanov, 179 pp.
RUSSIAN, bk, Issledovaniya po Biologich-
eskomu Metodu Bor'by s Vreditelyami Sel'
skogo i Lesnogo Khozyaistva (doklady k
simposiumu 17-20 noyabrya 1964 g.) 1964
CFSTI TT 68-50359

A. I. Cherepanov

Sci/ B&M
Dec 69

397,514

Investigation of Self-Insulations of Simplest
Relay System With Correction, by A. I. Cherepanov,
20 pp.

RUSSIAN, per, in Vysshik Vokob Zaved MV1680 SSR,
Radiofiz, Vol V, No 5, 1962, pp 989-997.

JPRS 18823

Sci - Elec

May 63

22nd, 4th

Analysis of a Two Position Compensating Control
System under Constant Prolonged Disturbance, by
A.I. Cheredanov, 5 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol 40, No 2,
1966, pp 513-516.

Avtomat. Sist. Upr.

135,168

Sol
Doc 60

Two-Position Regulator With Correcting Sign Trans-
mitter, by A. I. Charepanov, 7 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved MVISSO
SSSR po Radiofiz, Vol V, No 6, 1962,
pp 1246-.

JPRS 19316

Ref. - Elec

Jun 63

231,753

Improving the Quality of Two-Position Control, by
A. I. Cherepanov, 5 p.

RUSSIAN, per, Avtomat i Telemekh, Vol XIX, No 5,
1958, pp 471-474.

Instru Sec. of Amer

Sci

Apr 60

111,777

Crystallization of Glasses and Melts, by
P. P. Budnikov, A. M. Cherepanov, 17 pp.
RUSSIAN, per, Zhur Prikl Khim, Vol XXXVII, No 10,
1964, pp 2093-2107.
CIA/PLD K-5545

Sci - IS/M
Mar 65
FOR OFFICIAL USE ONLY

265,635

HIGHLY REFRACTORY SYSTEMS WITH LANTHANIDE AND
ACTINIDE OXIDES, BY S. G. TRESVYATSKIY,
A. M. CHEREPANOV, 15 PP.

RUSSIAN, PER, ZHUR VSES KHIM OBSSHCH, NO 6,
1961, PP 612-618. 9665769

FTD-TT-62-505

SCI - CHEM
JUL 62

204,472

Ferroelectric Ceramics With a High Curie Temperature;
by A. M. Cherepanov, S. V. Bogdanov, R. Ya. Rashchik,
3 pp.

RUSSIAN, FOR, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIX,
No 12, Dec 1978, pp 1497-1499.

Columbia Tech

Sci

Feb 69

107820

Influence of Fe_2O_3 , SrO , SnO_2 , ZnO and BaSO_4
Impurities on the Dielectric Hysteresis Loop
of Polycrystalline BaTiO_3 and $\text{BaTiO}_3\text{-Nb}_2\text{O}_5$
Solid Solutions, by G. M. Kovalenko, S. V.
Bogdanov, A. M. Chernyshev, 3 pp.

RUSSIAN, per, in Zh. Tekh. Fiz., Vol. 28, No. 12, 1958, pp 1508-1511.

Columbia Tech

Sci

Feb 60

107814

Growing BaTiO_3 Single Crystals, by A. M. Cherepanov,
4 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVII, No 10, 1957
pp 2280-2284.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol II, No 10

Sci-Phys
Jun 58

65,301

(NY-5100/8)

Potential For Increasing the Volume of Foreign
Trade, by Ya. Grinberg, B. Cherepanov, 4 pp.

RUSSIAN, np, Vozdukh Transport, 9 Mar 1961, p 2.

JPRS 9654

REGR

Moos

Aug 61

162,844

Electrospark Marking of Hardened Tools,
by F. F. Cherepanov,

GERMAN, per, Stanki i Instrument, Vol XXV,
No 5, 1954, pp 29-30.

Brutcher Tr No 3479

#2.25

23,605

Scientific - Engineering

May 55 CTS

Electrosparking Process for the Grinding of Carbide-
Tipped Profile Cutters, by F. F. Cherepanov

Full translation.

RUSSIAN, per, Stanki i Instrument, Vol XXIII, No 4,
1952, pp 31-32.

Brutcher Tr No 3040

Jul 53 CTS/DEX

Scientific - Engineering

Price \$3.75

3502

A Nonlinear Theory-of-Functions Boundary Problem
in Some Elastoplastic Problems, by
G. P. Cherepanov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR (Physics Section),
Vol XLVII, No 3, 1962, pp 566-568.

Amer Inst of Phys
Sov Phys - Dok
Vol VII, No 11

Sci

Aug 63

342, 356

On Brittle Cracks under Longitudinal Stress, by
G. I. Darenblatt, G. P. Cherepanov, 13 pp.

RUSSIAN, per, Prikl Matemat i Mekh, Vol XXV, No 6,
1961, pp 1110-1119.

PP

Sci

Oct 62

216,039

On the Wedging of Brittle Bodies, by G. I. Barenblatt,
G. P. Cherepanov, 22 pp.

RUSSIAN, per, Prikl Matemat i Mekh, Vol XXIV, No 4,
1960, pp 667-682.

PP

Sci

Jun 61

158, 170

On the Equilibrium and Propagation of Cracks
in an Anisotropic Medium, by G. I. Barenblatt,
G. P. Cherepanov, 194 pp.

RUSSIAN, per, Prikl Matemat i Mekh, Vol XXV,
No 1, 1961.

Pergamon Press

Sci
Jul 64

263,526

Structure of Sea Ice of Great Thickness,
by N. V. Cherepanov.
RUSSIAN, per, Trudy Arkt i Antarkt Nauk Inst
Issled, Vol CCLXVII, 1964, pp 13-18.
DHS Canada
T 448 R

Cherepanov, N.V.
1964-1965

Sci - ES
May 66

301,396

On Photoelectric Analysis, by V. A. E Cherepanov,
6 pp.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedeniy M1880 SSSR po Razdelu Radiotekhnika,
Vol V, No 3, 1962, pp 403-411.

JPRS 16211

Sci

217,986

Nov 62

Results of Barrier Flooding of the Kalinov Gas-Oil
Field, by G. B. Vychigin, V. B. Cherepanov, 5 pp.
RUSSIAN, per, Geolog Nefti i Gaza, Vol V, No 2, 1961.

GSA

Sci
Mar 64

252,639

Influence of an Electric Field on the Quad-
rupole Lines in the Exciton Light ~~Absorp~~
Absorption Spectrum, by V. I. Cherepanov,
V. V. Druzhinin, 5 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol III,
No 10, 1961, pp 2987-2995.

AIP
Sov Phys - Solid State
Vol III, No 10

Sci

195, T2

May 62

The Effect of Directed Deformation of a Cubic Crystal
on the Quadrupole Exciton Absorption of Light. II. by
V. I. Cherepanov. 5 pp.

Vol III
RUSSIAN, per, Fiz Tverdogo Tela, No. 9, 1961. pp
2604-2608

AIP
Sov Phys-Solid State
Vol III, No. 9

Sci

Mer 62

192, 452

Influence of Directed Linear Deformation of Cubic
Crystals on the Quadrupole Exciton Absorption of
Light, by V. I. Cherepanov, 5 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol. III, No 5,
1961, pp. 1493-1500.

AIP
Sov Phys - Solid State
Vol. III, No 5

Sci

Mar 62

189, 112

Dispersion Formulas of the Quantum Optics of Metals
in the Many-electron Theory with Consideration of
Electron Damping, by A. V. Sokolov, V. I. Cherepanov,
I. B. Shteinberg, 4 pp.

RUSSIAN, bimo per, Zhur Eksper i Teoret Fiz, Vol
XXVIII, Mar 1955, pp 330-334. CIA C 40846

American Inst of Physics
57 East 55 St.
New York 22, N. Y.

Scientific - Physics

31,641
NAVY TA 1284/NRL 545

Generalization of the Bogolyubov-Tyablikov
Perturbation Theory Method to the Nonstationary
Case, by S. V. Vonsovekiy, V. I. Cherepanov.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXIV,
No 1, 1958, pp 97-106.

MIT, Lincoln Lab

Sci - Phys

May 58

63, 948

On the Possible Existence of Magnetic-Dipole
Lines in the Spectrum of Excitation
Absorption, by A. G. Zhilich, V. I. Cherepanov,
Yu. A. Kargaplov, 3 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol III,
No 6, 1961, pp 1812-1814.

AIP

Sov Phys - Solid State
Vol III, No 6

Sci

Jun 62

198, 758